

1999 SOUTH DAKOTA TUBERCULOSIS MORBIDITY

There were 21 cases of tuberculosis reported to the South Dakota Department of Health in 1999. This represents a decrease of 2 cases from the same time period in 1998. Cases were distributed throughout the state with 16 counties reporting TB cases. During 1999. There was one TB case that was resistant to Ethambutol. Two TB cases were reported in residents from long-term care facilities and 2 cases were reported in employees of long-term care facilities. There were no HIV co-infected TB patients reported in 1999.

TUBERCULOSIS CASES REPORTED BY SEX AND RACE SOUTH DAKOTA 1999

RACE	MALE	FEMALE	TOTAL	% OF CASES
Native American	7	7	14	66%
White	2	2	4	19%
Black	0	1	1	5%
Hispanic	1	0	1	5%
Asian	0	1	1	5%
TOTAL	10	11	21	100%

TUBERCULOSIS CASES REPORTED BY SEX AND AGE SOUTH DAKOTA 1999

AGE (years)	MALE	FEMALE	TOTAL	% OF CASES
0-4	0	0	0	0%
5-9	0	1	1	5%
10-14	0	0	0	0%
15-19	0	1	1	5%
20-29	1	0	1	5%
30-39	0	1	1	5%
40-49	1	3	4	19%
50-59	4	1	5	23%
60-69	2	2	4	19%
70-79	2	1	3	14%
80-89	0	1	1	5%
90+	0	0	0	0%
TOTAL	10	11	21	100%

TUBERCULOSIS MORBIDITY INCIDENCE RATES PER 100,000 BY RACE AND YEAR SOUTH DAKOTA 1994-1999

RACE	1994	1995	1996	1997	1998	1999
All Races	4.0	4.0	2.7	2.7	3.3	3.0
Native American	35.6	35.6	25.7	25.7	33.6	27.7
White	0.8	0.5	0.3	0.6	0.6	0.6
All Other Races	63.2	88.5	50.5	12.6	25.3	37.9

**TUBERCULOSIS CASES REPORTED BY COUNTY OF RESIDENCE
SOUTH DAKOTA 1999**

COUNTY	# OF CASES	COUNTY	# OF CASES
Brookings	1	Minnehaha	2
Brule	1	Roberts	1
Buffalo	1	Shannon	3
Charles Mix	2	Todd	2
Davison	1	Tripp	1
Dewey	1	Union	1
Hughes	1	Walworth	1
Mellette	1	Yankton	1

**TUBERCULOSIS MORTALITY BY RACE AND YEAR
SOUTH DAKOTA 1996-1999**

RACE	1996		1997		1998		1999	
All Races	1/19	5%	1/19	5%	8/23	35%	4/21	19%
Native American	1/13	8%	0/14	0%	7/17	41%	3/14	21%
White	0/2	0%	1/4	25%	1/4	25%	1/4	25%
All Other Races	0/4	0%	0/1	0%	0/2	0%	0/3	0%

**FOREIGN-BORN TUBERCULOSIS CASES BY YEAR
SOUTH DAKOTA 1995-1999**

Country of Birth	1995	1996	1997	1998	1999
United States	21 (75%)	16 (84%)	18 (95%)	21 (91%)	17 (81%)
Foreign-born	7 (25%)	3 (16%)	1 (5%)	2 (9%)	4 (19%)
TOTAL	28	19	19	23	21

**PULMONARY AND NON-PULMONARY TUBERCULOSIS CASES BY RACE
SOUTH DAKOTA 1999**

Site of Tuberculosis	Native American	White	Black	Hispanic	Asian	TOTAL
Pulmonary	10	1	1	0	1	13
Non-pulmonary	2	3	0	1	0	6
Both	2	0	0	0	0	2
TOTAL	14	4	1	1	1	21

The non-pulmonary sites of disease included the following:

Renal	Peritoneal	CSF (not meningitis)
Meningitis	Ovarian	Pleural

**PATIENTS STARTED ON TUBERCULOSIS PREVENTIVE THERAPY
SOUTH DAKOTA 1993-1999**

1993	1994	1995	1996	1997	1998	1999
589	534	585	646	639	650	714*

** 1999 data is provisional*

TUBERCULOSIS CASES AND CASE RATES PER 100,000
UNITED STATES 1989-1998

YEAR	NUMBER OF TB CASES	TB CASE RATE	% CHANGE OF NUMBER	% CHANGE OF RATE
1989	23,495	9.5	+4.7	+4.4
1990	25,701	10.3	+9.4	+8.4
1991	26,283	10.4	+2.3	+1.0
1992	26,673	10.5	+1.5	+1.0
1993	25,287	9.8	-5.2	-6.7
1994	24,361	9.4	-3.7	-4.1
1995	22,860	8.7	-6.2	-7.4
1996	21,337	8.0	-6.7	-8.0
1997	19,851	7.4	-7.0	-7.5
1998	18,361	6.8	-7.5	-8.1